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Search engine devices that support high speed parallel decoding of digital search tries

DW Carr - US Patent 7,792,812, 2010 - freepatentsonline.com

... confirms the following **relationship**: **key 6** < new **key S** < **key 7**. Based on this **relationship**, the new ...This match signal is illustrated as a M-bit match vector (with one **bit set**), which is provided ... Thispriority encoder 38 encodes the match signal into a match **index** by finding the ordinal ...
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HOB! Hierarchically organized bitmap **index** for indexing dimensional data

J Chmiel, T Morzy, R Wrembel - Data Warehousing and Knowledge ..., 2009 - Springer

... If the bit is set to '1' then the corresponding **index key** leaf contains at least one **bit set** to '1'. The

i ... The bitmap indexes are also organized in a hierarchy that reflects the dimension hierarchy, such

that a bitmap **index** at an ... L_{Tn}, where symbol → represents a **relationship** between a ...Cited by 1 - [Related articles](#) - [All 3 versions](#)

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... It is an unstructured opaque **index** which is used in conjunction with the Tunnel ID to ... does not

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B-tree **key-range** bit map **index** optimization of database queries

LH Thai - US Patent 5,560,007, 1996 - Google Patents

... 24, 1996 [54] B-TREE **KEY-RANGE** BIT MAP **INDEX** OPTIMIZATION OF ... Ashany, Ron, "Application

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A File Index for Document Storage and Retrieval Utilizing Descriptor Fragments

FW Allen - The Computer Journal, 1982 - Br Computer Soc

... function H is an invertible set function with inverse h such that the inclusion **relationship** exists between H ... highest ordered bit to the lowest, divides each successive search class of the **index** in half. ... For each **bit set** to one in a query signature, a binary division of the current search ...

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[PDF] from uta.edu

H Che - crystal.uta.edu

... However, for an OTCAM [13], the orders for ranges with priority **relationship** in Table 1 must be maintained. ... 12 B. Code Vector Encoding Rules. Using the same example for the **index** vector encoding, the code ... follows: (1) The code vector for range Ri must have its i-th **bit set** to 1. ...

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Domain vector accelerator (DVA): A query accelerator for relational operations

W Perrizo, J Gustafson, D Thureen, D ... - Data Engineering, ..., 2002 - ieeexplore.ieee.org

... endfor sort R' on RK (prepare for merge with S') for each tuple in R' access **index**, SA, using **key** value, RK for each page address returned from the **index** if (page not marked in Page-List) then read the page into memory. S' endif sort S' on SA value (prepare for merge with R ...

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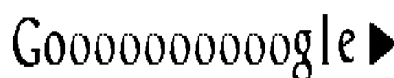
Y Chen, Y Chen - Proceedings of the 2004 ACM symposium on ..., 2004 - portal.acm.org

... **Index** Method for Object-Oriented Databases ... worst case, where l represents the number of bits set in sq and checked during the searching, since each **bit set** in sq ... Since a class C may have a complex attribute with domain C' , an **relationship** can be established between C and ...

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ARIES/IM: an efficient and high concurrency index management method using write-ahead logging

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C Mohan, F Levine - Proceedings of the 1992 ACM SIGMOD ..., 1992 - portal.acm.org

... The **index** managers of database management systems (DBMS) like DB21, the OS12 Extended Edition Database Manager1, System R, NonStop SQLt ... title of the publication and its date appear, and notice is given that copying is by permission of the **Association** for Computing ...

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Re-encoding sequential circuits to reduce power dissipation

GD Hachtel, M Hermida, A Pardo, M ... - Proceedings of the ..., 1994 - portal.acm.org

... and its date appear, and notice is given that copying is by permission of the **Association** for Computing ... A(r; c), the partition (L; R), the coding functions Codes, and the current **index** of the ... two partitions, and there must be the same number of states with a given code **bit set** to 1 ...

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[PDF] Mining Generalized Association Rules Using Prutax and Hierarchical Bitmap Index

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J Pieprzyk, M Iaj Morzy - 2009-02—19]. <http://www.cs.put.poznan.pl/> ... - cs.put.poznan.pl

... The feature that makes the hierarchical bitmap **index** suitable for generalized **association** rule mining is the fact that HBI makes ... During implementation a library class java.util.**BitSet** has been used to represent both leaves and internal nodes of hierarchical bitmap **index** keys. ...

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Map-based BitSet association rule mining of remote sensing image

H Duan-qiong, C Chong-Cheng, H Hong-yu, FAN Ming ... - en.cnki.com.cn

... It is useful for improve crop production. 【Key Words】：remote sensing image data mining **association** rule **BitSet** TreeMap 【Fund】：福建省教育厅项目(K04001);福建省青年科技人才创新项目(2004J005) 【CateGory Index】：TP75 【DOI】：cnki:ISSN:1001-9081.0.2005-07-037. ...

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[CITATION] Association Rule applications based Apriori and BitSet

L YONGQING, Y YINDONG - Microcomputer Information, 2007 - en.cnki.com.cn

... remote sensing image. 【Key Words】：data mining remote sensing image **association** rule **Bitset** 【Fund】：广西自然科学基金项目(桂科自0640026) 【CateGory Index】：TP311.13;TP18 【DOI】：CNKI:SUN:WJSJ.0.2007-33-057. ...

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M Zakrzewicz - Advances in Knowledge Discovery and Data Mining, 2001 - Springer
 ... sequential **index** (b = 28) built on top of 24-bit **set**-based bitmap **index** (24S32Q28), and 48-bit
 sequential **index** (b = 55) built on top of 24-bit **set**-based bitmap ... 1st KDD, 1995 7. Morzy, T.,
 Zakrzewicz, M., Group Bitmap **Index**: A Structure for **Association** Rules Retrieval ...
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Comparison of fingerprint-based methods for virtual screening using multiple bioactive reference structures[\[PDF\]](#) from shef.ac.uk

J Hert, P Willett, DJ Wilton, P Acklin, K ... - J. Chem. Inf. ..., 2004 - ACS Publications
 ... The **relationship** that is known to exist between structural similarity and biological similarity
 16-18 means that the nearest neighbors are priority candidates for ... fingerprint from the set of actives,
 where the weight of the jth bit is the number of actives with that **bit set** (this weighted ...
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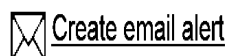
K Sakurai, H Masuhara, N Ubayashi, S ... - Proceedings of the ..., 2004 - portal.acm.org
 ... aspect Counter pertarget (callSet ()) { pointcut callSetO : call(void **Bit.set**()) ; int count = 0; after()
 returning() : callSetO { count++ ... vn) or (j- k)'th **index** in wp ... Below, we present the code for **association**
 and advice dispatching when the first k parameters are bound; ie, bp(v~,...v,) = {1 ...
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A Tuzhilin, B Liu - Proceedings of the eighth ACM SIGKDD international ..., 2002 - Citeseer
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G Liu, H Lu, W Lou, JX Yu - Proceedings of the ninth ACM SIGKDD ..., 2003 - portal.acm.org
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M Morzy, T Morzy, A Nanopoulos, Y ... - Advances in Databases ..., 2003 - Springer
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TY Lin, X Hu, E Louie - Fuzzy Systems, 2003. FUZZ'03. The ..., 2003 - ieeeexplore.ieee.org
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X Hu, TY Lin, E Louie - 2003 - computer.org

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M Zakrzewicz - Advances in Knowledge Discovery and Data Mining, 2001 - Springer

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A Nanopoulos, M Zakrzewicz, T Morzy, Y ... - Information and ..., 2003 - Elsevier

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G Liu, H Lu, J Xu Yu - Information Systems, 2007 - Elsevier

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